



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Pella Corporation
102 Main Street
Pella, IA 50219

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "350 HurricaneShield® Vinyl" 4-½" White PVC Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. PELL0023, titled "Series 350 4-½" Vinyl Fixed Window - Impact", sheets 1 through 9 of 9, dated 09/13/12, with revision B dated 09/10/15, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoroso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 12-0924.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



Handwritten signature and date:
7/10/01/15

NOA No. 15-0401.07
Expiration Date: January 17, 2018
Approval Date: October 01, 2015
Page 1

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 12-0924.02)
2. Drawing No. **PELL0023**, titled "Series 350 4-½" Vinyl Fixed Window - Impact", sheets 1 through 9 of 9, dated 09/13/12, with revision **B** dated 09/10/15, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per AAMA/ WDMA/ CSA 101/ I.S. 2/ A440-08 and per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a fixed window, prepared by Element Materials Technology Des Moines, Test Report No. **EMTI Des Moines - ESP010156P**, dated 06/13/12, signed and sealed by Jason R. Steen, P.E.
(Submitted under previous NOA No. 12-0924.02)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)**, dated 03/06/15 and revised on 09/15/15, prepared by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.
2. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.** for their "**Butacite® PVB Glass Interlayer**" dated 04/25/15, expiring on 12/11/16.
3. Notice of Acceptance No. **12-1017.02** issued to Quanex Building Products, Inc. for "**White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 02/07/13, expiring on 12/26/16.
4. Notice of Acceptance No. **13-0425.15** issued to Quanex Building Products, Inc. for "**Antique Bronze Super Coated White Rigid PVC Exterior Extrusions for Windows and Doors**" dated 06/20/13, expiring on 12/26/16.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0401.07

Expiration Date: January 17, 2018
Approval Date: October 01, 2015

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)** and of no financial interest, dated 03/24/15, issued by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Laboratory addendum letter for Test Report No. **EMTI-ESP010156P**, issued by Element Materials Technology Des Moines, Inc., dated 08/23/12, signed and sealed by Jason R. Steen, P.E.
(Submitted under previous NOA No. 12-0924.02)
3. Laboratory compliance letter for Test Report No. **EMTI-ESP010156P**, issued by Element Materials Technology Des Moines, Inc., dated 06/13/12, signed and sealed by Jason R. Steen, P.E.
(Submitted under previous NOA No. 12-0924.02)

G. OTHERS

1. Notice of Acceptance No. **12-0924.02**, issued to Pella Corporation for their Series “**350 HurricaneShield® Vinyl**” **4½-inch White PVC Fixed Window – L.M.I.**, approved on 01/17/13 and expiring on 01/17/18.


Manuel Perez, P. E.
Product Control Examiner

NOA No. 15-0401.07

Expiration Date: January 17, 2018

Approval Date: October 01, 2015

PELLA CORPORATION
SERIES 350 4-1/2" VINYL FIXED WINDOW - LMI
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, EVALUATED AND DESIGNED TO THE DESIGN PRESSURE(S) STATED HEREIN AS FOLLOWS.
- 1.1. IN COMPLIANCE WITH THE 5th. EDITION (2014) FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES.
- 1.2. PERFORMANCE STANDARDS:
- 1.2.1. TAS 201-94, LARGE MISSILE IMPACT
- 1.2.2. TAS-202-94
- 1.2.3. TAS 203-94
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. ESP010156P, DATED JUNE 13, 2012 AND ASSOCIATED LABORATORY DRAWINGS BY ELEMENT MATERIALS TECHNOLOGY, DES MOINES, IA. TESTING WAS CONDUCTED TO TAS 201-94, TAS 202-94 AND TAS 203-94.
3. THIS PRODUCT EVALUATION DOCUMENT IS FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY, 2X FRAMING AND METAL FRAMING SUBSTRATES AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
5. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
6. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, THE FOLLOWING:
- 6.1. HIGH VELOCITY HURRICANE ZONE (HVHZ):
- 6.1.1. LARGE MISSILE IMPACT REQUIREMENTS AT HEIGHTS UP TO 30 FEET ABOVE GRADE:
- 6.1.1.1. THESE WINDOWS MEET LARGE MISSILE IMPACT REQUIREMENTS OF THE 5th. EDITION (2014) FBC AND DO NOT REQUIRE USE OF AN APPROVED HVHZ IMPACT PROTECTIVE SYSTEM. SEE NOTE 3 ON SHEET 8 OF 9.
- 6.1.2. SMALL MISSILE IMPACT REQUIREMENTS AT HEIGHTS EXCEEDING 30 FEET ABOVE GRADE:
- 6.1.2.1. THESE WINDOWS MEET SMALL MISSILE IMPACT REQUIREMENTS OF THE 5th. EDITION (2014) FBC AND WHEN GLAZED ON THE EXTERIOR USING SAFETY GLAZING AND DO NOT REQUIRE USE OF AN APPROVED HVHZ IMPACT PROTECTIVE SYSTEM. SEE NOTE 4 ON SHEET 8 OF 9.
- 6.2. WINDBORNE DEBRIS AREAS OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (NON-HVHZ):
- 6.2.1. WHEN INSTALLED IN LOCATIONS WHERE NON-HVHZ WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, THIS PRODUCT DOES NOT REQUIRE USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM.
7. SITE CONDITIONS NOT COVERED IN THIS PRODUCT EVALUATION DOCUMENT ARE SUBJECT TO ADDITIONAL ENGINEERING ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. BOUNDING BOX DIMENSIONS FOR GEOMETRIC FIXED WINDOW SHAPES MUST BE EQUAL TO OR LESS THAN RECTANGULAR DIMENSIONS SHOWN HEREIN.
9. MATERIALS:
- 9.1. WINDOW FRAME MATERIAL: VINYL (PVC) PER QUANEX BUILDING PRODUCTS NOA NO. 12-1017.02
- 9.2. LAMINATED GLAZING INTERLAYERS PER MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).
- 9.2.1. KURARAY SENTRYGLAS (CLEAR AND WHITE) INTERLAYER MATERIAL PER NOA NO. 13-0328.09.
- 9.2.2. KURARAY BUTACITE PVB GLASS INTERLAYER MATERIAL PER NOA NO. 13-0129.27.
10. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-09a.
11. DESIGNATION "O" STANDS FOR FIXED LITE/SASH.
12. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOW IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER AND/OR THE INSTALLER.

SEE SHEET 2 FOR DESIGN PRESSURES.

INSTALLATION NOTES:

1. PRODUCT ANCHORS SHALL BE AS DESIGNATED AND LOCATED AS SHOWN IN THIS PRODUCT EVALUATION DOCUMENT. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
2. SEE INSTALLATION ANCHOR SCHEDULE ON SHEET 2 FOR TYPE AND GRADE OF ANCHOR, AND/OR MANUFACTURER'S ANCHOR SPECIFICATIONS, INCLUDING MINIMUM NOMINAL SIZE, MINIMUM EMBEDMENT INTO SUBSTRATE AND MINIMUM EDGE DISTANCES.
- 2.1. EDGE DISTANCES SHALL BE MEASURED FROM CENTERLINE OF ANCHOR TO EDGE OF STRUCTURAL SUBSTRATE EITHER TO THE INTERIOR OR EXTERIOR OF THE FENESTRATION PRODUCT.
- 2.2. MINIMUM EMBEDMENT SHALL BE BASED ON PENETRATION INTO MAIN WIND FORCE RESISTING SYSTEM SUBSTRATE.
3. SEE SHEETS 5, 6 AND 7 FOR SPECIFIC ANCHOR INSTALLATION DETAILS.
4. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
5. THE NUMBER OF INSTALLATION ANCHORS IS BASED ON THE MAXIMUM END DISTANCE (ED) AND THE MAXIMUM ON CENTER (O.C.) SPACING PLACEMENT OF ANCHORS IN ACCORDANCE WITH THE ELEVATION DRAWING ON SHEET 4. END DISTANCES AND O.C. SPACINGS LESS THAN THAT SHOWN IN THE ELEVATION ARE ACCEPTABLE.
- 5.1. SEE INSTALLATION NOTES ON 3 FOR ADDITIONAL DETAILS.
6. MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF WOOD COMPOSITE, HIGH DENSITY PLASTIC OR SIMILAR LOAD BEARING MATERIAL.
- 6.1. FOR BLOCK, FIN & FLANGE FRAME INSTALLATIONS, SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR.
7. FOR CONCRETE BLOCK APPLICATIONS DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE INSTALLATION ANCHOR SCHEDULE ON SHEET 2.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS
2	ANCHOR SCHEDULES AND DP CHART
3	ELEVATIONS & ANCHOR LAYOUTS
4, 5 & 6	INSTALLATION SECTIONS
7	GLAZING DETAIL AND NOTES, INSTALLATION CLIP DETAILS
8	BILL OF MATERIALS AND COMPONENT DETAILS

PROJECT # 414-0609

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

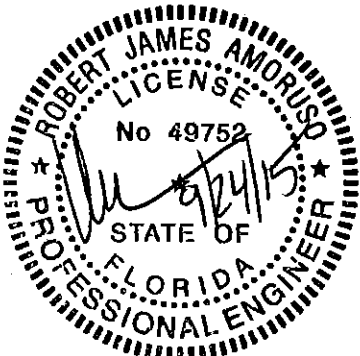
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GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS

PREPARED BY: DATE: 09/13/12
DRAWN BY: RJA
SCALE: N.T.S.
DRAWING NO.: PELL0023
SHEET: 1 OF 9

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
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FAX: 321.880.1789
EMAIL: info@ptc-corp.com

PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 15-0401.07
Expiration Date 02/17/2018
By: [Signature]
Miami Dade Product Control

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



SERIES 350 FIXED WINDOW INSTALLATION REQUIREMENTS FOR THROUGH FRAME ANCHORS SHOWN ON SHEET 7

Max. Size Tested	Design Pressure (PSF)	Substrate	Installation Type	End Spacing All corners	Quantity of Anchors at Head & Sill	Center to Center Spacing Head & Sill (in)	Quantity of Anchors at Jambs	Center to Center Spacing Jambs (in)
108" x 51 3/4"	+60/-65	Wood	Thru-Frame	6"	14	7.4	5	10.0
	+60/-65	Concrete/CMU	Thru-Frame	6"	14	7.4	5	10.0
	+60/-65	Metal *	Thru-Frame	6"	11	9.6	5	10.0
108" x 24"	+60/-65	Wood/Concrete/CMU/Metal *	Thru-Frame	6"	11	9.6	2	12.0
74 1/2" x 74 1/2"	+60/-65	Wood	Thru-Frame	6"	10	7.0	10	7.0
	+60/-65	Concrete/CMU	Thru-Frame	6"	9	7.9	9	7.9
	+60/-65	Metal *	Thru-Frame	6"	8	9.0	8	9.0
58" x 58"	+/-100	Wood	Thru-Frame	6"	9	5.8	9	5.8
	+/-100	Concrete/CMU	Thru-Frame	6"	8	6.6	8	6.6
	+/-100	Metal *	Thru-Frame	6"	6	9.2	6	9.2
51" x 51"	+60/-65	Wood/Concrete/CMU/Metal *	Thru-Frame	6"	5	9.8	5	9.8

* METAL SUBSTRATES INCLUDE THE FOLLOWING:
(a) 20 GAUGE (0.0346" MIN. THK.) STEEL INCLUDING STEEL STUDS, ASTM A-653 STEEL, 33 KSI YIELD STRENGTH STEEL OR BETTER
(b) 1/8" MIN. THK. ASTM A-36 STEEL, 36 KSI YIELD STRENGTH STEEL OR BETTER
(c) 0.060" MIN. THK. 6063-T5 ALUMINUM OR BETTER

SERIES 350 FIXED WINDOW INSTALLATION REQUIREMENTS FOR INSTALLATION CLIP (ITEM NO. 18) SHOWN ON SHEETS 5 AND 6

Max. Size Tested	Design Pressure (PSF)	Substrate	Installation Type	End Spacing All corners	Quantity of Anchors at Head & Sill	Center to Center Spacing Head & Sill (in)	Quantity of Anchors at Jambs	Center to Center Spacing Jambs (in)
108" x 51 3/4"	+60/-65	Wood	Thru-Frame	6"	11	9.6	5	10.0
	+60/-65	Concrete/CMU	Thru-Frame	6"	13	8.0	5	10.0
	+60/-65	Metal *	Thru-Frame	6"	11	9.6	5	10.0
108" x 24"	+60/-65	Wood/Concrete/CMU/Metal *	Thru-Frame	6"	11	9.6	2	12.0
74 1/2" x 74 1/2"	+60/-65	Wood	Thru-Frame	6"	8	9.0	8	9.0
	+60/-65	Concrete/CMU	Thru-Frame	6"	9	7.9	9	7.9
	+60/-65	Metal *	Thru-Frame	6"	8	9.0	8	9.0
58" x 58"	+/-100	Wood	Thru-Frame	6"	7	7.7	7	7.7
	+/-100	Concrete/CMU	Thru-Frame	6"	8	6.6	8	6.6
	+/-100	Metal *	Thru-Frame	6"	7	7.7	7	7.7
51" x 51"	+60/-65	Wood/Concrete/CMU/Metal *	Thru-Frame	6"	5	9.8	5	9.8

* METAL SUBSTRATES INCLUDE THE FOLLOWING:
(a) 20 GAUGE (0.0346" MIN. THK.) STEEL INCLUDING STEEL STUDS, ASTM A-653 STEEL, 33 KSI YIELD STRENGTH STEEL OR BETTER
(b) 1/8" MIN. THK. ASTM A-36 STEEL, 36 KSI YIELD STRENGTH STEEL OR BETTER
(c) 0.060" MIN. THK. 6063-T5 ALUMINUM OR BETTER

PROJECT # 414-0609

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

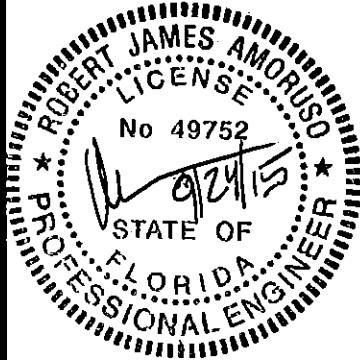
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GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS

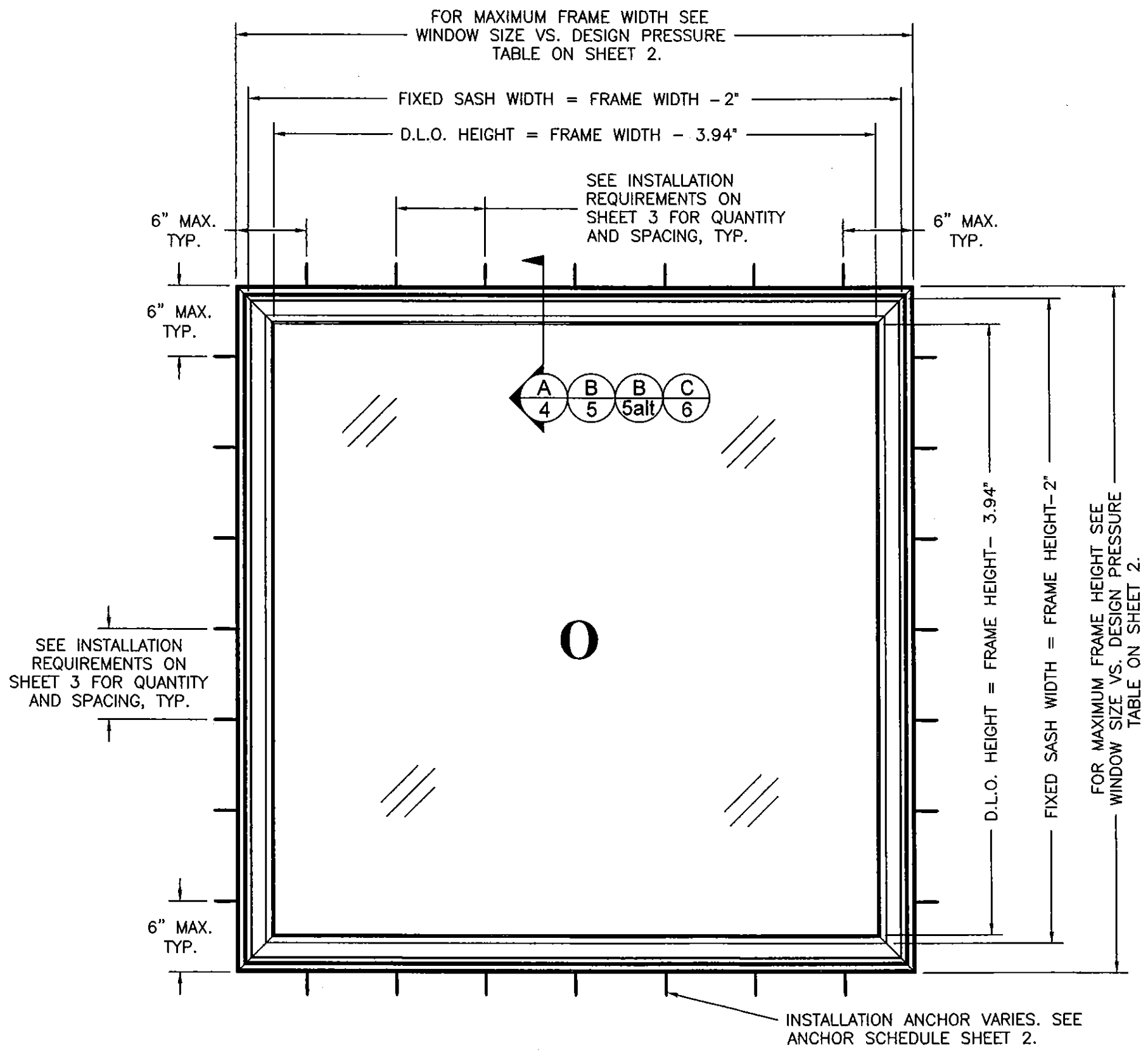
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DATE: 09/13/12
SCALE: N.T.S.
DRAWING NO: PELL0023
SHEET: 3 OF 9

INCORPORATE MD COMMENTS FOR 5th ED. (2014) FBC UPDATE
UPDATE TO 5th. EDITION (2014) FBC EDITION
REV: DESCRIPTION
DATE

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0401-07
Expiration Date 01/17/2018
By *Manuel Diaz*
Miami Dade Product Control

Robert J. Amoroso, P.E.
Florida P.E. No. 49752

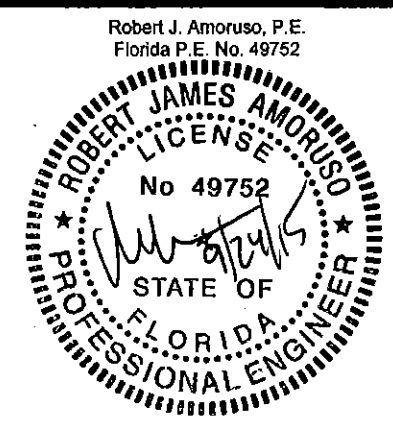


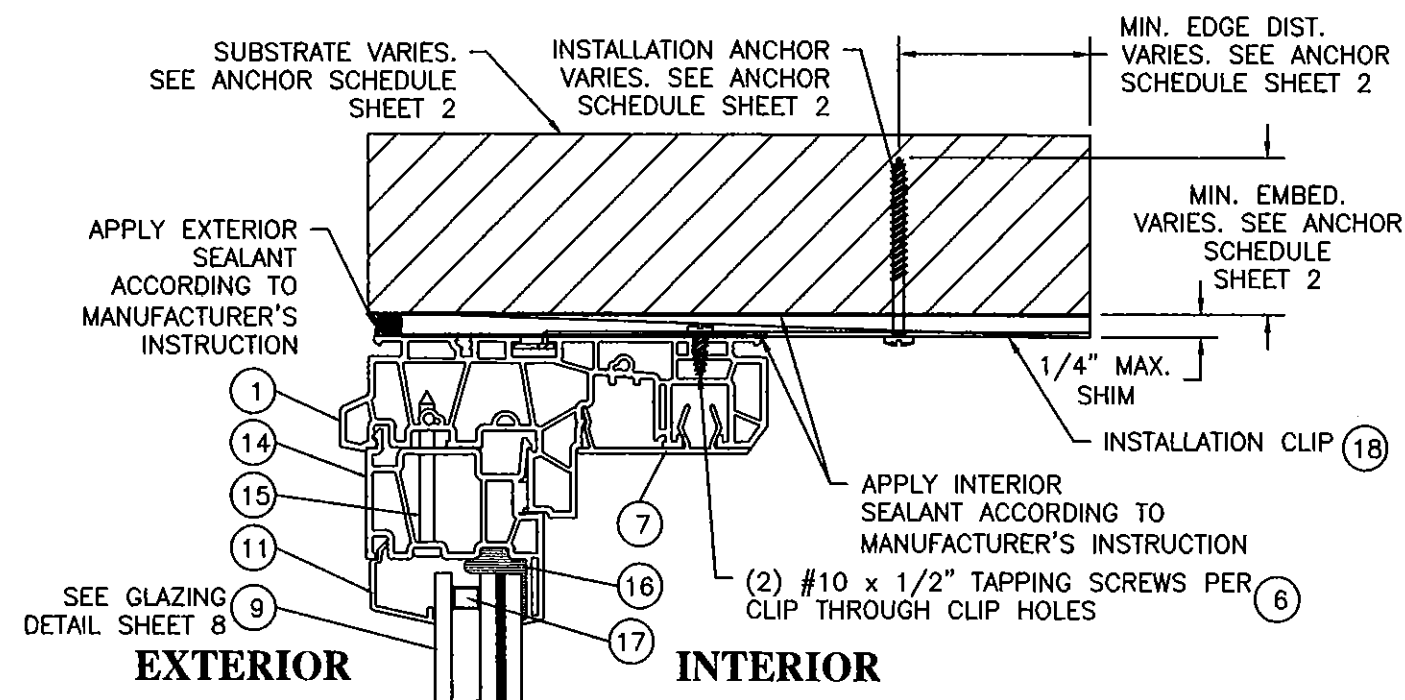


SERIES 350 VINYL FIXED WINDOW
EXTERIOR VIEW
BOX FRAME SHOWN, FLANGE AND FIN FRAMES ALSO APPROVED
RECTANGULAR WINDOW SHOWN. ALSO APPLICABLE TO WINDOWS WHERE (A) WIDTH EXCEEDS HEIGHT, (B) HEIGHT EXCEED WIDTH AND (C) GEOMETRIC SHAPES THAT CAN BE INSCRIBED INSIDE THE WINDOW SIZES SHOWN ON SHEET 2.

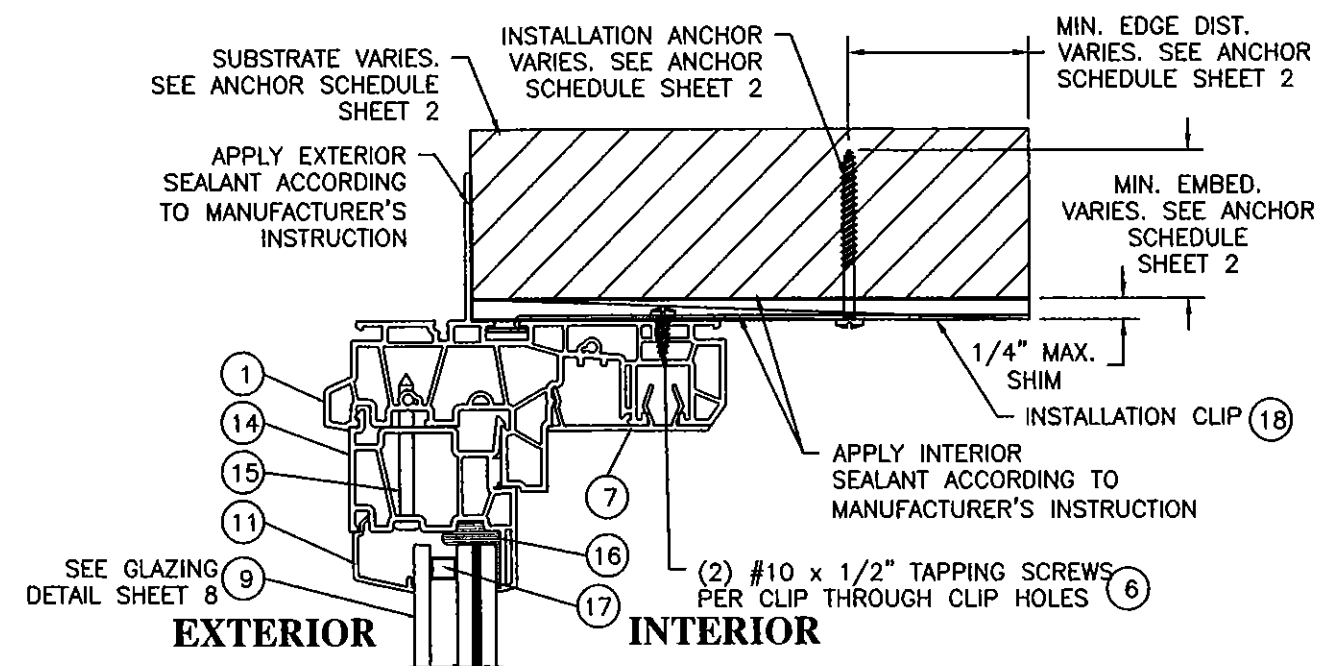
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		UPDATE TO 5th. EDITION (2014) FBC EDITION	3/11/15	RJA	BY
	REV	DESCRIPTION	DATE		
PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219		TITLE SERIES 350 4-1/2" VINYL FIXED WINDOW - IMPACT ELEVATION AND ANCHORING LAYOUT		DATE 09/13/12	
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25835		DRAWN BY: RJA		SCALE: N.T.S.	
		SHEET: B		4 OF 9	

PRODUCT REVISED
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Expiration Date 01/17/2018
By *Mmanuel J. Amoruso*
Miami/Dade Product Control

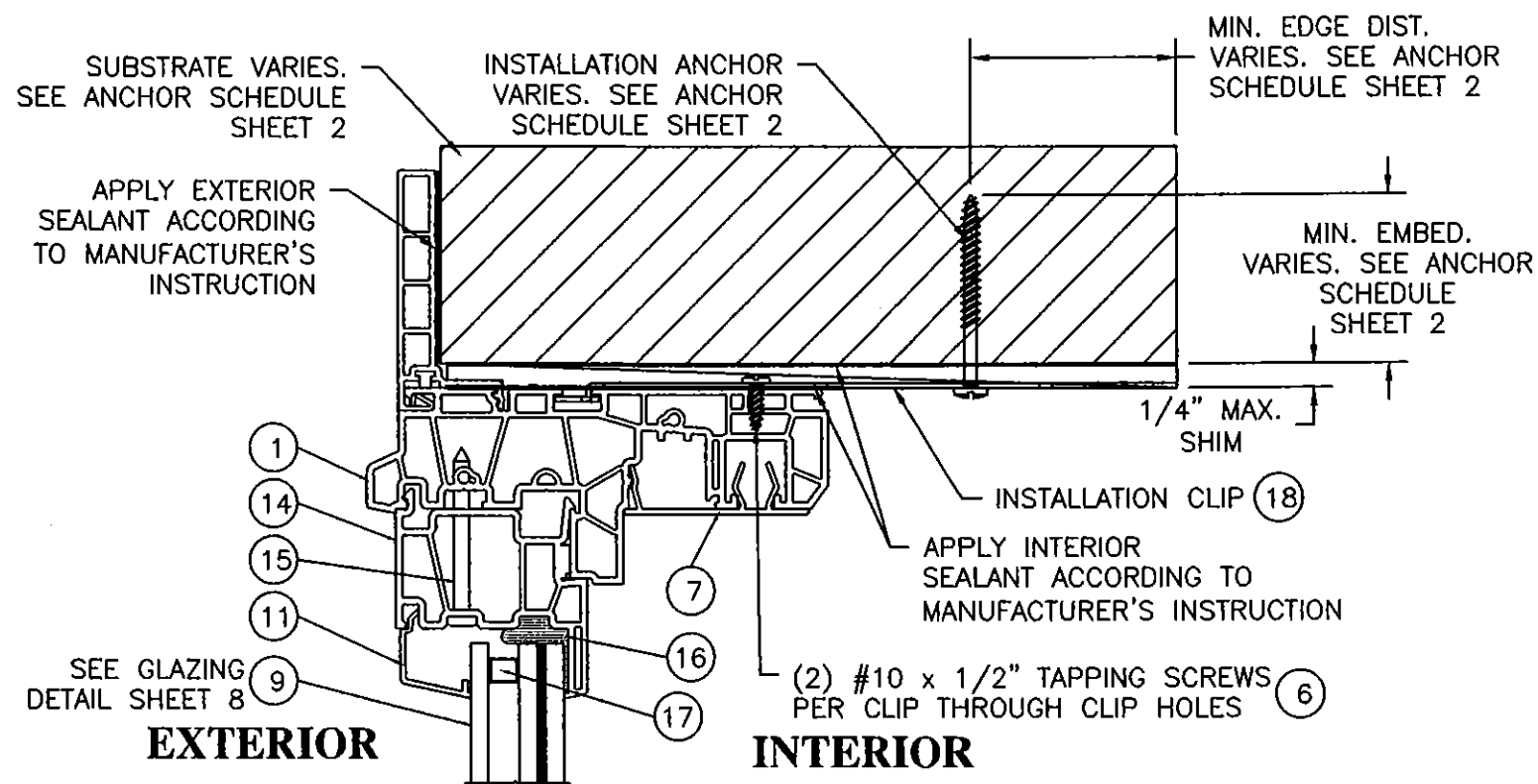




A
4 **INSTALLATION CROSS SECTION**
BOX FRAME, CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



A
4 **INSTALLATION CROSS SECTION**
FIN FRAME, CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



A
4 **INSTALLATION CROSS SECTION**
FLANGE FRAME, CLIP INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR

PROJECT # 414-0609

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

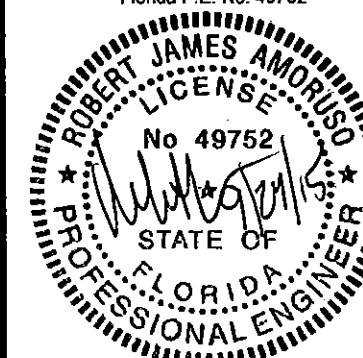
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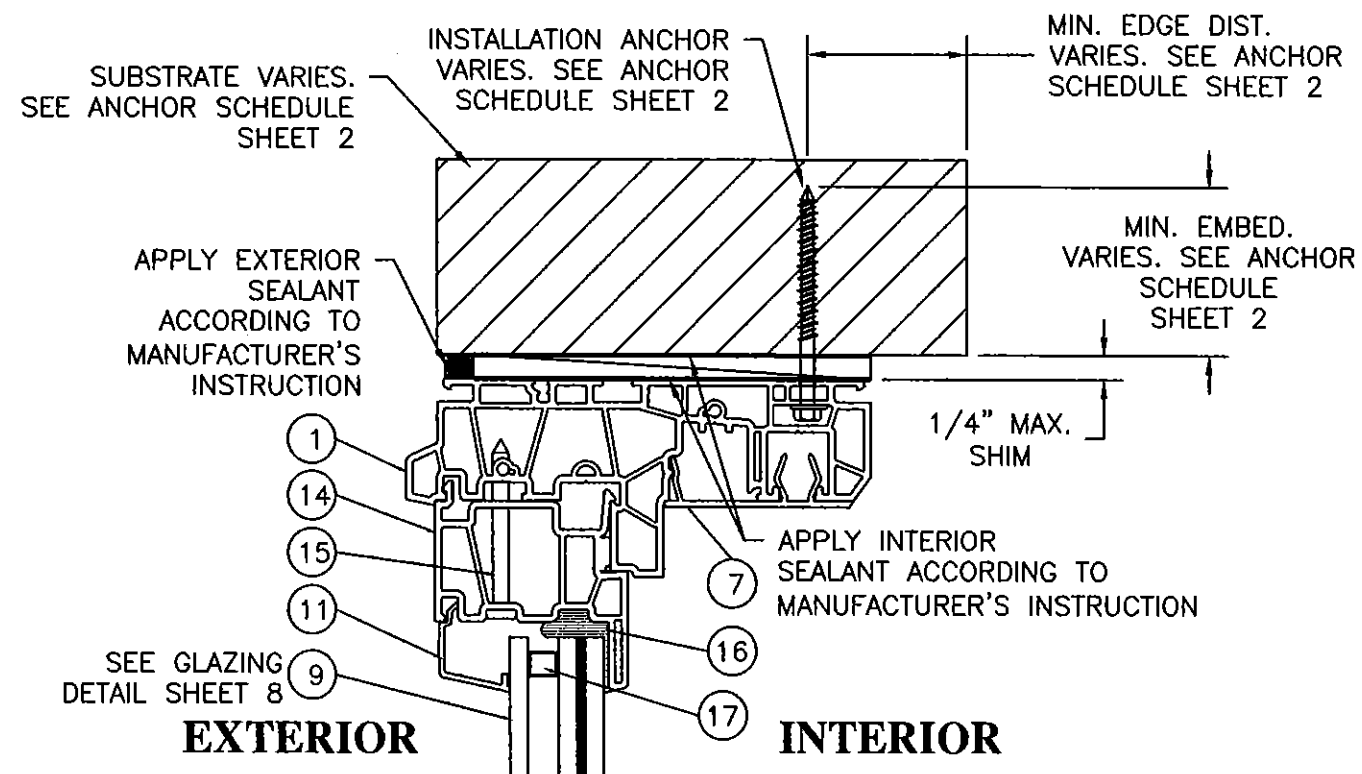
PREPARED BY: RJA
DRAWN BY: RJA
DATE: 09/13/12
SCALE: N.T.S.
DRAWING NO: PELL0023
SHEET: 5 OF 9

PTC PRODUCT DESIGN GROUP, LLC
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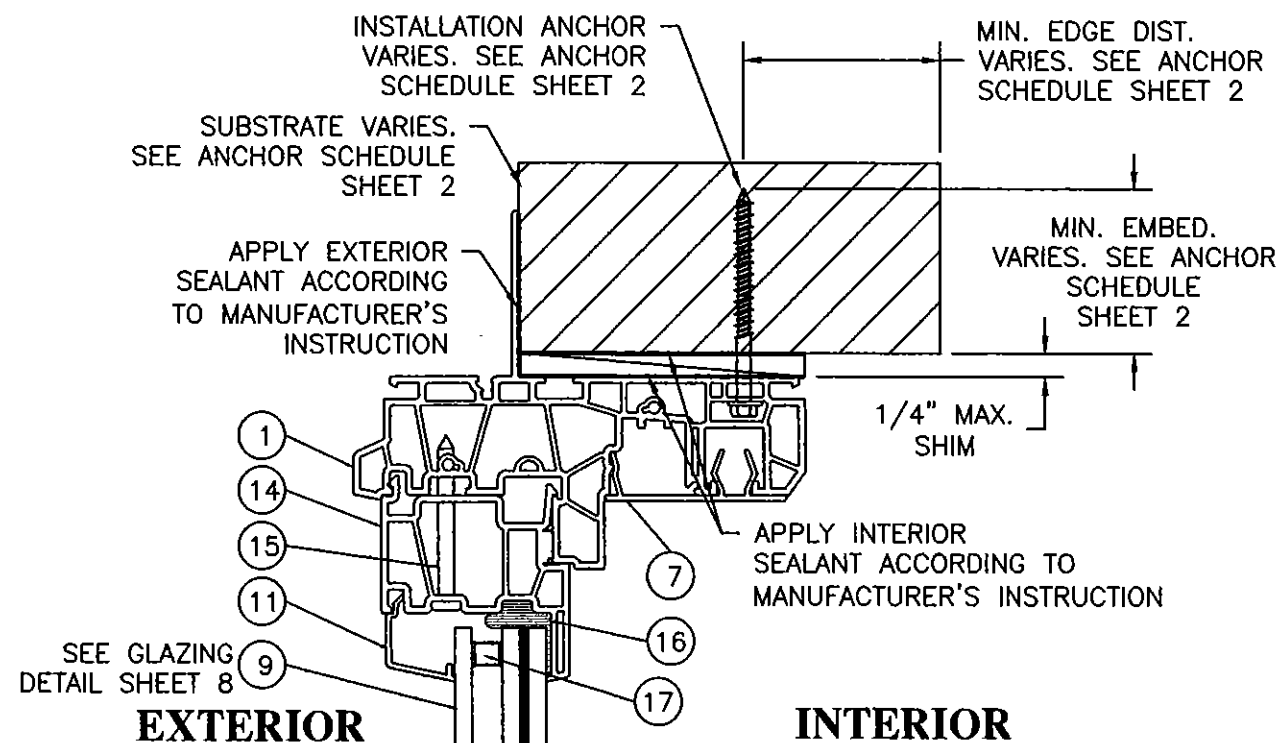
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as complying with the Florida
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Acceptance No. 15-0401.07
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By *Manuel*
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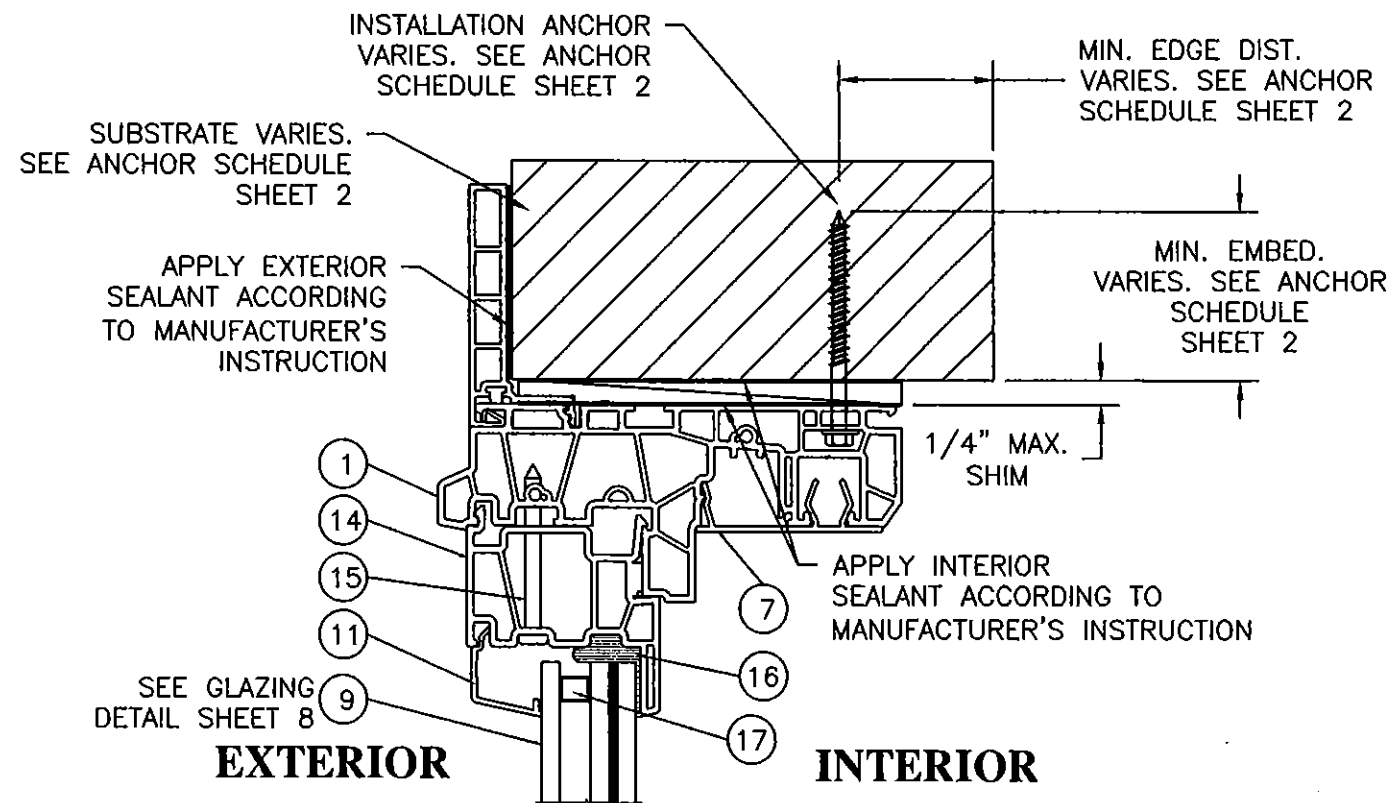




C
6 **INSTALLATION CROSS SECTION**
BOX FRAME, THRU FRAME INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



C
6 **INSTALLATION CROSS SECTION**
FIN FRAME, THRU FRAME INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR



C
6 **INSTALLATION CROSS SECTION**
FLANGE FRAME, THRU FRAME INSTALLATION
HEAD SHOWN, SILL AND JAMB SIMILAR

PROJECT # 414-0609

PELLA CORPORATION
102 MAIN STREET
PELLA, IA 50219

TITLE SERIES 350 4-1/2" VINYL FIXED WINDOW - IMPACT
THRU FRAME INSTALLATION SECTIONS

PREPARED BY: DATE: 09/13/12
DRAWN BY: RJA
SCALE: N.T.S.
REV: B

DRAWING NO: PELL0023
SHEET: 7 OF 9

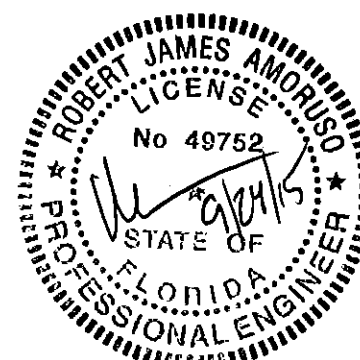
INCORPORATE MD
COMMENTS FOR 5th ED.
(2014) FBC UPDATE

UPDATE TO 5th EDITION
(2014) FBC EDITION

DESCRIPTION
REV: DATE BY

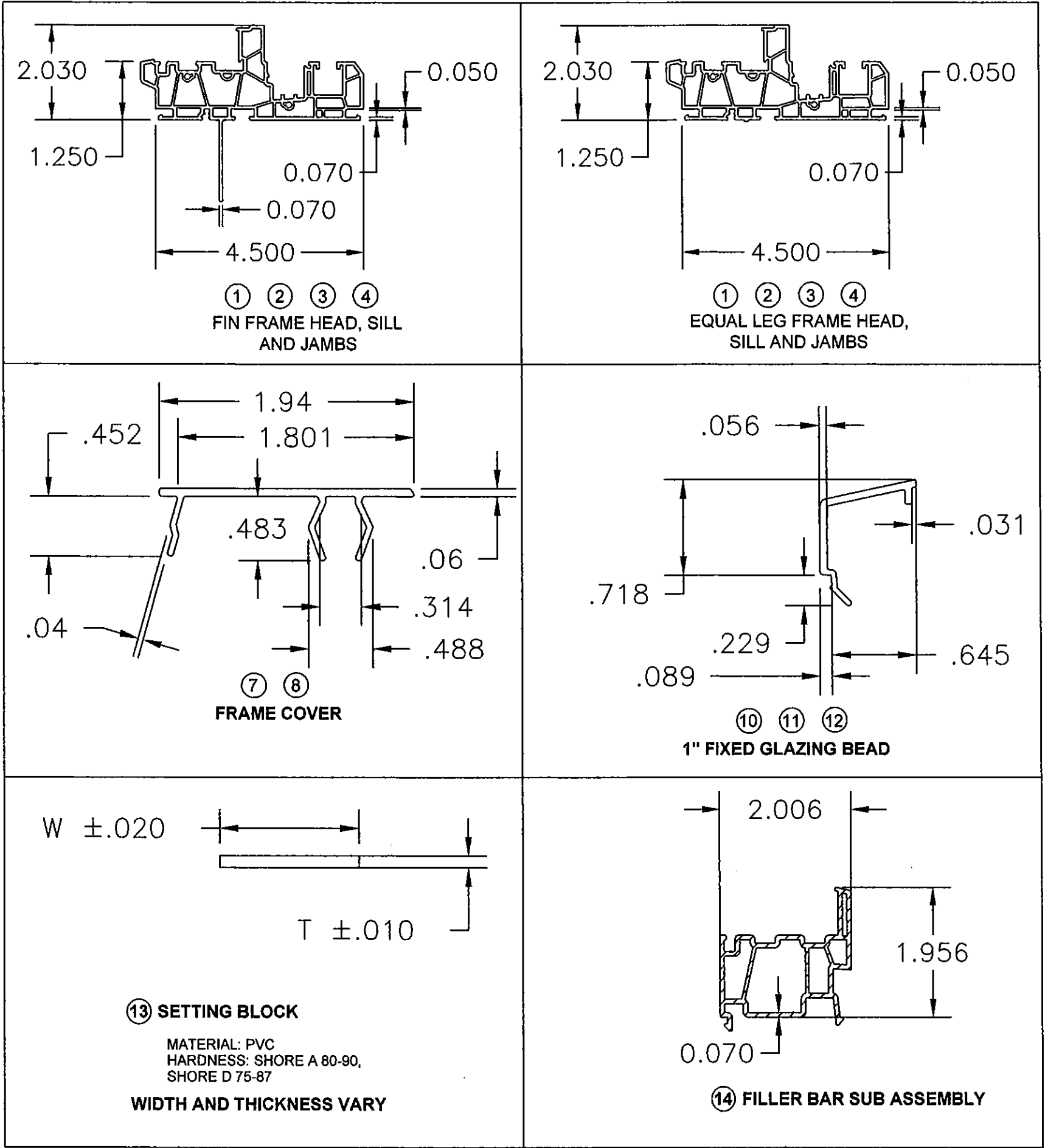
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0401-07
Expiration Date 01/27/2018
By *Manuel Perez*
Miami Dade Product Control

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



A circular professional engineer seal for Robert James Amoroso. The outer ring contains the text "ROBERT JAMES AMOROSO" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No 49752" is in the center, and "STATE OF FLORIDA" is at the bottom. A handwritten signature, "R. Amoroso", is written across the center of the seal.

BILL OF MATERIALS		
ITEM NO.	DESCRIPTION	QTY
1	FRAME SILL	1
2	FRAME HEAD	1
3	FRAME JAMB, LEFT	1
4	FRAME JAMB, RIGHT	1
5	TRANSITION BAR ASSEMBLY	-
6	#10 X 1/2" PAN HEAD TAPPING SCREW	AS REQUIRED
7	FRAME COVER, WIDTH	2
8	FRAME COVER, HEIGHT	2
9	1" LAMINATED IG ASSEMBLY (KURARAY AMERICA, INC. BUTACITE PVB)	1
	1" LAMINATED IG ASSEMBLY (KURARAY AMERICA, INC. SENTRYGLAS)	1
10	1" FIXED GLAZING BEAD, RAIL, BOTTOM, WITH WEEPS	1
11	1" FIXED GLAZING BEAD, RAIL, TOP	1
12	1" FIXED GLAZING BEAD, STILE	2
13	SETTING BLOCK	8
14	FILLER BAR SUB ASSEMBLY	4
15	#8 X 1 3/4" PHILLIPS PAN HEAD SHEET METAL SCREW (SS)	O.C. SPACING EVERY 8"
16	HENKEL SA POLYURETHANE REACTIVE HOTMELT GLAZING COMPOUND	1
17	9.8MM (3/8") STAINLESS STEEL SPACE BY CARDINAL GLASS	AS REQUIRED
18	INSTALLATION CLIP - SEE SHEET 8 OF 9	AS REQUIRED



PROJECT # 414-0609

INCORPORATE MD COMMENTS FOR 5th ED. (2014) FBC UPDATE

DATE: 9/10/15

UPDATE TO 5th EDITION (2014) FBC EDITION

DATE: 3/11/15

DESCRIPTION

DATE

PELLA CORPORATION

102 MAIN STREET

PELLA, IA 50219

TITLE: SERIES 350 4-1/2" VINYL FIXED WINDOW - IMPACT BILL OF MATERIALS AND COMPONENT DETAILS

PREPARED BY: RJA

DRAWN BY: N.T.S.

DATE: 09/13/12

DRAWING NO: PELL0023

SHEET: 9 OF 9

PTC PRODUCT DESIGN GROUP, LLC

PO BOX 520775

LONGWOOD, FLORIDA 32752

Phone: 321.690.1788

Fax: 321.690.1788

Email: info@ptc-corp.com

PRODUCT REVISED as complying with the Florida Building Code

Acceptance No: 15-0401.07

Expiration Date: 2/17/2018

By: *Robert J. Amoruso*

Miami Dade Product Control

Robert J. Amoruso, P.E.

Florida P.E. No. 49752

ROBERT JAMES AMORUSO

LICENSE No 49752

9/24/15

STATE OF FLORIDA

PROFESSIONAL ENGINEER